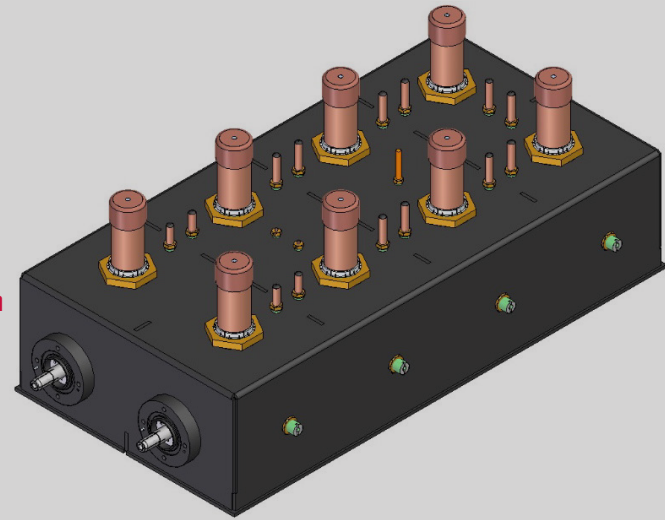


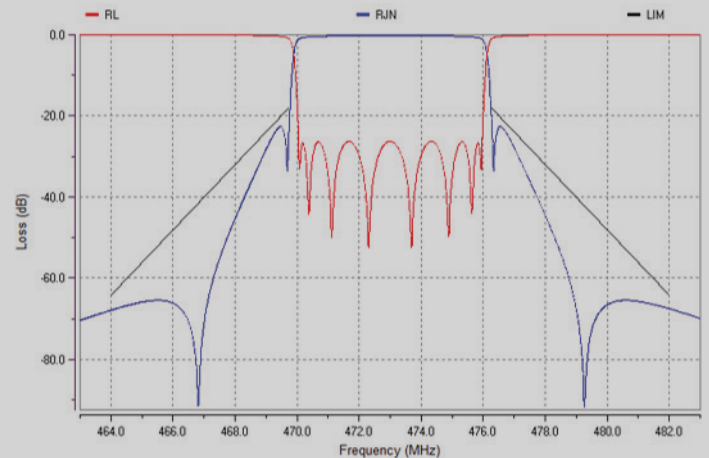
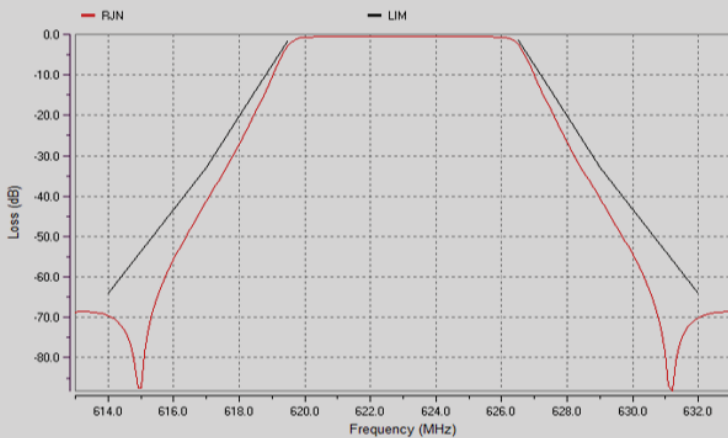
AVAILABLE
TODAY

Manufactured in Maine, USA



Key Features:

- Tunable 470-608MHz
- Reduced operational cost
- Small footprint
- Efficient waveguide-tunable UHF filter
- Enhanced peak power capability
- Lightweight
- Forced-air & Convection-cooled
- ATSC 3.0 compatible
- Cross coupled for increased rejection
- Temperature-stable



Trusted for Decades. Ready for Tomorrow.

UHF TUNABLE FILTER

| PARAMETER | SPEC | | | | | | | |
|--|---|-----------------------------------|--|---|--|---|--|--|
| Model Number | UT6E7F - 1.5K | | UT6D7F - 1.5K | | UT8D7F-1.5K | | | |
| # of Poles | 6 | | | | 8 | | | |
| Port Size | *1 5/8" or 7-16 DIN or 7/8" | | | | *1 5/8" or 7-16 DIN or 7/8" | | | |
| Tunable Frequency Range | 14 - 51 (E21-E48) | | | | | | | |
| Standard | ATSC full | ISDB-T non crit | DVB-T non crit | DVB-T non crit | ATSC sharp tuned | ISDB-T crit | DTMB crit | DVB-T crit |
| Channel Bandwidth | 6 | | | 8 | 6 | | | 8 |
| Passband (fc+/-MHz) | 2.915 | 2.79 | 2.86 | 3.9 | 2.915 | 2.79 | 2.86 | 3.9 |
| Insertion Loss (fo) | .5 dB max | | | .4 dB max | .7 dB max | | | .6 dB max |
| Insertion Loss (fc+/-MHz) | .8 dB max .6 dB max (2.92) | .85 dB max .6 dB max (2.79) | 1.6 dB max .9 dB max (2.86) | 1.0 dB max .55 dB max (3.9) | 1.6 dB max .9 dB max (2.92) | 1.4 dB max .9 dB max (2.79) | 2.1 dB max .95 dB max (2.85) | 1.8 dB max .9 dB max (3.9) |
| Filter Rejection (fc+/-MHz) | >1.5 dB (3.5) >14 dB (4.5) >33 dB (6) >64 dB (9) | >19 dB (4.5) >53 dB (9) | >3 dB (3.2) >18 dB (4.5) >40 dB (9) >58 dB (12) | >4 dB (4.2) >18 dB (6) >44 dB (12) >44 dB (20) | >18 dB (3.25) >64 dB (9) | >8 dB (3.15) >25 dB (4.5) >62 dB (9) >62 dB (15) | >16 dB (3.15) >28 dB (4.5) >53 dB (9) >53 dB (15) | >15 dB (4.2) >27 dB (6) >52 dB (12) >52 dB (20) |
| Group Delay Variation (fc+/-MHz) | <150 ns (2.69) <200 ns (2.92) | <200 ns (2.79) | <400 ns (2.86) | <350 ns (3.9) | <500 ns (2.69) <730 ns (2.92) | <500 ns (2.79) | <680 ns (2.85) | <780 ns (3.9) |
| Weight | 45 lbs (20.5 kg) | | | | 60 lbs (26.5 kg) | | | |
| L x W x H | 24 in x 15 in x 15 in 61 cm x 38 cm x 38 cm | | | | 31 in x 15 in x 15 in 79 cm x 33 cm x 33 cm | | | |
| Ambient Temp Range | 0° C to 40° C | | | | | | | |
| Cooling Free Convection DIN Connectors | (1.5kW) (1.0kW) | | | | | | | |
| Temperature Stability | 50 kHz shift | | | | | | | |

* Input can be different.

All specifications are subject to change.

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